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Approved for use through 09/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL <i>(Only for new nonprovisional applications under 37 CFR § 1.53(b))</i>		Attorney Docket No. 4015-5090	
		First Inventor or Application Identifier Bottomley, et al.	
		Title Meth d and Apparatus for RAKE Receiver C mbining Weight Generati n	
		Express Mail Label No. EV 051922732 US	

APPLICATION ELEMENTS <i>See MPEP chapter 600 concerning utility patent application contents.</i>	ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450
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1. <input checked="" type="checkbox"/> *Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i> 2. <input checked="" type="checkbox"/> Specification [Total Pages 51] <i>(preferred arrangement set forth below)</i> — Descriptive title to the invention — Cross References to Related Applications — Statement Regarding Fed sponsored R & D — Reference to Microfiche Appendix — Background of the Invention — Brief Summary of the Invention — Brief Description of the Drawings (if filed) — Detailed Description — Claim(s) — Abstract of the Disclosure 3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 6] 4. <input checked="" type="checkbox"/> Oath or Declaration [Total Pages 8] a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d)) <i>(for continuation/divisional with Box 17 completed)</i> [Note Box 5 below] i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b). 5. <input type="checkbox"/> Incorporation By Reference (useable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.	6. <input type="checkbox"/> Microfiche Computer Program (Appendix) 7. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> a. <input type="checkbox"/> Computer Readable Copy b. <input type="checkbox"/> Paper Copy (identical to computer copy) c. <input type="checkbox"/> Statement verifying identity of above copies <div style="border: 1px solid black; padding: 5px;"> ACCOMPANYING APPLICATION PARTS 8. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s)) 9. <input type="checkbox"/> 37 C.F.R. § 3.73(b) Statement <input checked="" type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i> 10. <input type="checkbox"/> English Translation Document (if applicable) 11. <input checked="" type="checkbox"/> Information Disclosure <input checked="" type="checkbox"/> Copies of IDS Statement (IDS)/PTO-1449 Citations 12. <input type="checkbox"/> Preliminary Amendment 13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i> 14. <input type="checkbox"/> *Small Entity <input type="checkbox"/> Statement filed in prior application, Statement(s) Status still proper and desired 15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i> 16. <input checked="" type="checkbox"/> Other: Express Mail Certification </div> <div style="border: 1px solid black; padding: 5px;"> *NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28). </div>
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17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary statement: <div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) </div> <div> of prior application No: _____ / _____ Prior application information: Examiner: Group/Art Unit: </div> </div>			
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18. CORRESPONDENCE ADDRESS																			
<input checked="" type="checkbox"/> Customer Number		24112	or <input type="checkbox"/> Correspondence address below																
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">NAME</td> <td colspan="2"></td> </tr> <tr> <td colspan="2">ADDRESS</td> <td colspan="2"></td> </tr> <tr> <td>CITY</td> <td>STATE</td> <td>ZIP CODE</td> <td></td> </tr> <tr> <td>COUNTRY</td> <td>TELEPHONE</td> <td>FAX</td> <td></td> </tr> </table>				NAME				ADDRESS				CITY	STATE	ZIP CODE		COUNTRY	TELEPHONE	FAX	
NAME																			
ADDRESS																			
CITY	STATE	ZIP CODE																	
COUNTRY	TELEPHONE	FAX																	
Name (Print/Type) Michael D. Murphy		Registration No. (Attorney/Agent) 44,958																	
Signature <i>Michael D. Murphy</i>		Date	September 26, 2003																

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1

These are the fees effective December 29, 1999.

Small Entity payments must be supported by a small entity statement.
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$2,236.00)

Complete if Known

Application Number	TBA
Filing Date	September 26, 2003
First Named Inventor	Gregory E. Bottomley
Examiner Name	TBA
Group Art Unit	TBA
Attorney Docket No.	4015-5090

METHOD OF PAYMENT (check one)

- 1.
- ☒
- The Commission is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number

18-1167

Deposit Account Name

Coats & Bennett, P.L.L.C.

- ☒
- Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17
- ☐
- Charge the Issue Fee Set in 37 CFR § 1.18 at the Mailing of the Notice of Allowance

- 2.
- ☒
- Payment Enclosed:
-
- ☒
- Check
- ☐
- Money Order
- ☐
- Other

FEE CALCULATION**1. BASIC FILING FEE**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	750	201	345	Utility filing fee	750.00
106	310	206	155	Design filing fee	
107	480	207	240	Plant filing fee	
108	760	208	380	Reissue filing fee	
114	150	214	75	Provisional filing fee	
SUBTOTAL (1)					(\$750.00)

2. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
Total Claims	91	-20** = 71 X 18.00 =	1,278.00
Independent	5	-3** = 2 X 84.00 =	168.00

Claims Multiple Dependent Claims X =

** or number previously paid, if greater; For Reissues, see below

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	78	202	39	Independent claims in excess of 3
104	260	204	130	Multiple dependent claim
109	78	209	39	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$1,446.00)**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examination action	
115	110	215	55	Extension for reply within first month	
116	380	216	190	Extension for reply within second month	
117	870	217	435	Extension for reply within third month	
118	1,360	218	680	Extension for reply within fourth month	
128	1,850	228	925	Extension for reply within fifth month	
119	300	219	150	Notice of Appeal	
120	300	220	150	Filing a brief in support of an appeal	
121	260	221	130	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,210	241	605	Petition to revive - unintentional	
142	1,210	242	605	Utility issue fee (or reissue)	
143	430	243	215	Design issue fee	
144	580	244	290	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Stmt.	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40.00
146	760	246	380	Filing a submission after final rejection (37 CFR 1.129(a))	
149	760	249	380	For each additional invention to be examined (37 CFR 1.129(b))	
Other fee (specify) _____					
Other fee (specify) _____					
*Reduced by Basic Filing Fee Paid					
SUBTOTAL (3)					(\$40.00)

SUBMITTED BYTyped or Printed Name **Michael D. Murphy**Signature *Michael D. Murphy*

Date

September 26, 2003

Complete (if applicable)

Reg. Number

44,958

Deposit Account User ID

18-1167

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Bottomley, et al.

Serial No.: Unknown

Filed:

Title: **METHOD AND APPARATUS FOR RAKE
RECEIVER COMBINING WEIGHT
GENERATION**

**EXPRESS MAIL CERTIFICATION
LABEL NO.: EV 051922732 US**

Attorney's Docket No: 4015-5090

Raleigh, North Carolina
September 26, 2003

MAIL STOP PATENT APPLICATION
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Sir:

EXPRESS MAIL CERTIFICATE LABEL NO.: EV 051922732 US


DATE MAILED: September 26, 2003

I hereby certify that the enclosed US Utility Patent Application Transmittal Form, Fee Transmittal Form (2 Copies), specification and claims, drawings (1 set of 6 sheets), Declaration and Power of Attorney, Assignment and Recordation Sheet, Information Disclosure Form including all pertinent documents pertaining thereto, and our check number 10190 in the amount of \$2,236.00 are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to: **Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Respectfully submitted,

COATS & BENNETT, P.L.L.C.

By:


Michael D. Murphy
Registration No. 44,958

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